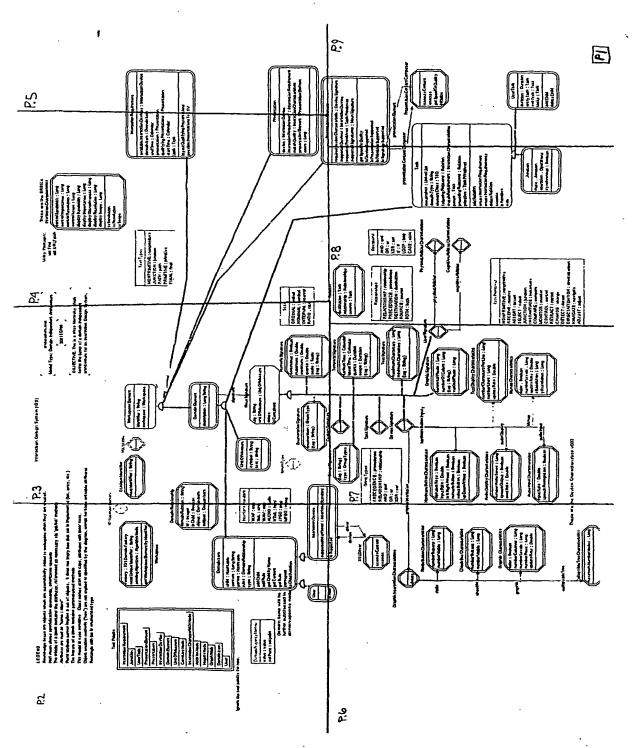
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Appendix A

Interaction Design System Architecture

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LEGEND

Round-edge boxes are objects which are automatically added to workspace when they are or Half moon shows specialization downwards, inheritance upwards

The middle of a block contains the attributes, referenced as necessary via 'get/set' methods Attributes are read as "hame : class"

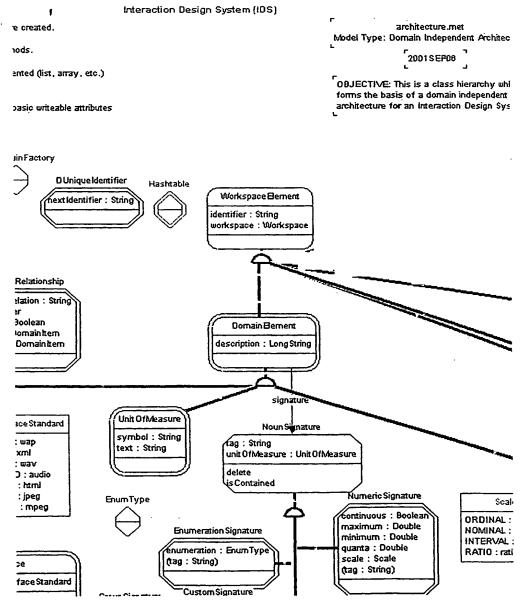
Plural attribute names implies a set of objects. It does not imply how that set is implemente. The bottom of a block contains parameterized methods

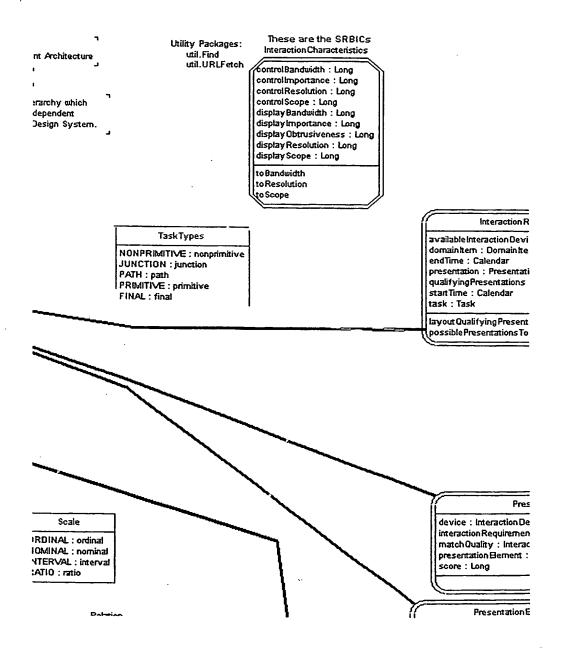
This model is case sensitive. Class names start with caps, attributes with lower case. Object creation methods ('hew') are not implied or specified by this diagram, except for basic Rectangle with list is enumerated type

IDSDomainF: Tool Palette Interaction Requirement factory: IDSDomainFactory Junction next Unique Identifier: String scoringAgorithm: AgorithmNode UserTask etWorkspaceBernentByIdentifier Presentation Bement Presentation Workspace Interaction Device Domain Bement Domain Rela Unit OfMeasure lomain Relatik Constant Node id : Integer Interaction Characteristic Node is Child : Book **Addition Node** object : Doma Negate Node subject : Don GraphWalk Domainkem DomainItem User child : Hashtable content : LongString parent : Hashtable ignore the tool palette for now. rules: DomainRelationship Interface 9 type : String WAP : way Domain Property Names add Child XML: xml addRule WAV: war value : value get Child By Name AUDIO : 2 setPoint : setpoint get Content HTML: hti Domain Items will be get Rule JPEG : jpe further subclassed in MPEG: m introspect domain-specific mode is Child Relation Interaction Device supportedinterfaces: interface

P.2

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ackages: Find JRLFetch These are the SRBICs Interaction Characteristics

controlBandwidth: Long
controlImportance: Long
controlResolution: Long
controlScope: Long
display Bandwidth: Long
display Importance: Long
display Obtrusiveness: Long
display Resolution: Long
display Scope: Long

toBandwidth toResolution toScope

nprimitive

Interaction Requirement

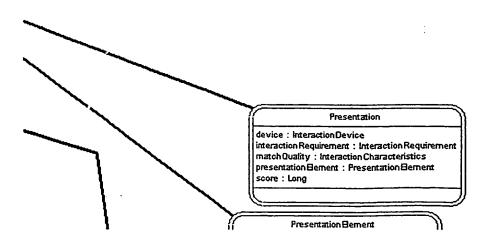
availableInteraction Devices: Interaction Device

domainitem : Domainitem endTime : Calendar presentation : Presentation

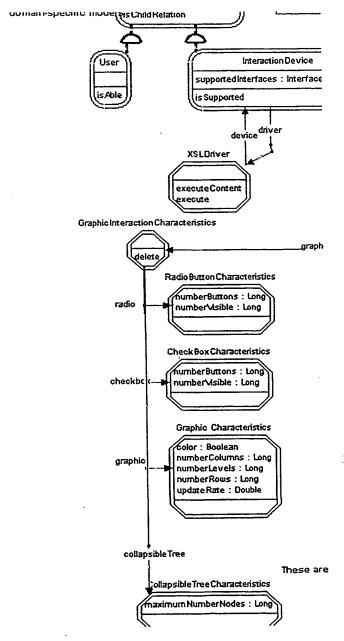
qualifying Presentations: Presentation

startTime : Calendar task : Task

layout Qualifying Presentations possible Presentations To CSV

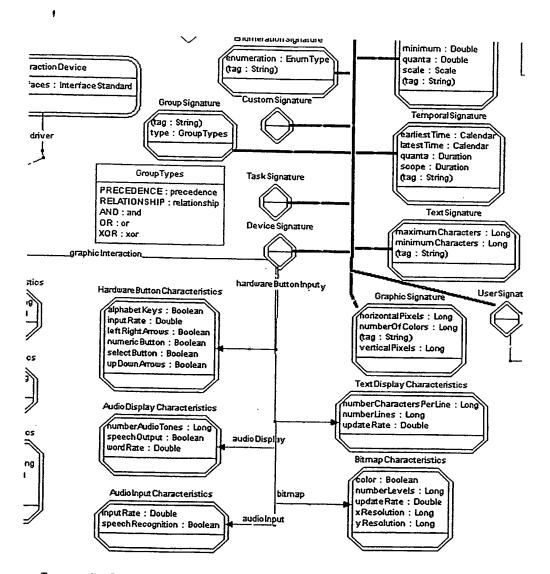


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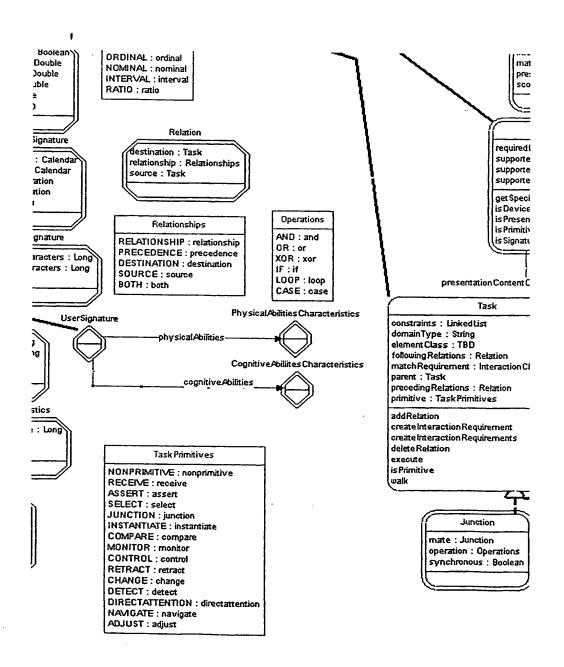
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These are the Device Characteristics v002





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